

## Detailed Facility Report

### Facility Summary

**BOSTON CONCRETE CORPORATION**  
**706 BROADWAY STREET, LOWELL, MA**  
**01854**

FRS (Facility Registry Service) ID: 110070079042  
EPA Region: 01  
Latitude: 42.64282  
Longitude: -71.32901  
Locational Data Source: FRS  
Industry: Concrete Block And Brick  
Indian Country: N

### Enforcement and Compliance Summary

Statute	CWA
Insp (5 Years)	--
Date of Last Inspection	--
Current Compliance Status	Significant/Category 1 Noncompliance
Qtrs with NC (of 12)	10
Qtrs with Significant Violation	10
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

### Regulatory Information

Clean Air Act (CAA): No Information  
Clean Water Act (CWA): Minor, Permit Expired (MAR054014)  
Resource Conservation and Recovery Act (RCRA): No Information  
Safe Drinking Water Act (SDWA): No Information

### Other Regulatory Reports

Air Emissions Inventory (EIS): No Information  
Greenhouse Gas Emissions (eGGRT): No Information  
Toxic Releases (TRI): No Information  
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110070079042					N	42.64282	-71.32901
ICIS-NPDES	CWA	MAR054014	Minor: General Permit Covered Facility	Expired	Industrial Stormwater	06/03/2020	N	42.641	-71.328

Facility Address

System	Statute	Identifier	Facility Name	Facility Address
FRS		110070079042	BOSTON CONCRETE CORPORATION	706 BROADWAY STREET, LOWELL, MA 01854
ICIS-NPDES	CWA	MAR054014	BOSTON CONCRETE CORPORATION	706 BROADWAY STREET, LOWELL, MA 01854

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	MAR054014	3271	Concrete Block And Brick
NPDES	MAR054014	3271	Concrete Block And Brick

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
MAR054014	411	Cement manufacturing point source category

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							




Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	MAR054014	Yes	06/30/2020	10	09/18/2020

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
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Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
CWA (Source ID: MAR054014)					07/01-09/30/17	10/01-12/31/17	01/01-03/31/18	04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/18/20
	Facility-Level Status				No Violation Identified	No Violation Identified	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Significant/Category I Noncompliance	Undetermined
	Quarterly Noncompliance Report History						Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	Failure to Report DMR - Not Received	
	Pollutant	Disch Point	Mon Loc	Freq													
CWA	Solids, total suspended 	001 - 2E	Effluent Gross	NMth				1120%				120%					
	Benchmark Limit Exceedances (No Violation): Pollutant	Disch Point	Mon Loc	Freq													
CWA	Iron, total [as Fe] 	001 - E2	Effluent Gross	NMth			1,970%	715%	1,400%	2,300%	204%	1,220%	873%	1,930%	1,910%		
CWA	Solids, total suspended 	001 - E2	Effluent Gross	NMth			510%	180%	360%	870%	10%	730%	140%	840%	2,000%		
	Late or Missing Discharge Monitoring Report (DMR) Measurements																
	Counts of Late DMR Measurements											1		2	2		
	Counts of Missing DMR Measurements					2		1				1					

## Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

## Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty	State/Local Penalty	SEP Cost	Comp Action Cost
No data records returned														

## Environmental Conditions

### Watershed(s)

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
010700061206	Limit Brook-Merrimack River	LOWELL CANALS	No	No	DDT   Iron, total (as Fe)   Lead, total (as Pb)	No

### Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
MA	2014	MA84A-29	Lowell Canals	Impaired - 303(d) Listed	MERCURY   METALS (OTHER THAN MERCURY)   PESTICIDES   POLYCHLORINATED BIPHENYLS (PCBS)		Not Assessed	Not Supporting	Not Assessed	Not Assessed
MA	2014	MA84A-01	Merrimack River	Impaired - 303(d) Listed	MERCURY   PATHOGENS		Insufficient Information	Not Supporting	Not Supporting	Fully Supporting
MA	2014	MA84A-02	Merrimack River	Impaired - 303(d) Listed	HYDROLOGIC ALTERATION   MERCURY   NUTRIENTS   PATHOGENS		Not Supporting	Not Supporting	Not Supporting	Fully Supporting

### Air Quality

Nonattainment Area?	Pollutant(s)	Applicable Nonattainment Standard(s)
No	Ozone	
No	Lead	

Nonattainment Area?	Pollutant(s)	Applicable Nonattainment Standard(s)
No	Particulate Matter	
Yes	Carbon Monoxide	Carbon Monoxide (1971)
No	Nitrogen Dioxide	
No	Sulfur Dioxide	

## Pollutants

### Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers
No data records returned								

### Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
No data records returned

## Demographic Profile

### EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

Census Block Group EJ Indexes (percentile)	
Particulate Matter (PM 2.5)	68
Ozone NATA Diesel PM	70.4
NATA Air Toxics Cancer Risk	69.3
NATA Respiratory Hazard Index (HI)	68.5
Traffic Proximity	82.8
Lead Paint Indicator	86.3
Superfund Proximity	90.9
Risk Management Plan (RMP) Proximity	79.2
Hazardous Waste Proximity	85.4
Wastewater Discharge Proximity	87.6

Number of EJ Indexes Above 80th Percentile
5

[View EJSCREEN Report](#)

### Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA’s spatial

processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics	
Total Persons	133,240
Population Density	4,950/sq.mi.
Percent Minority	41%
Households in Area	49,236
Housing Units in Area	52,650
Households on Public Assistance	2,012
Persons Below Poverty Level	40,982

Geography	
Radius of Selected Area	3 mi.
Center Latitude	42.64282
Center Longitude	-71.32901
Land Area	95%
Water Area	5%

Income Breakdown - Households (%)	
Less than \$15,000	7,333 (14.78%)
\$15,000 - \$25,000	4,949 (9.98%)
\$25,000 - \$50,000	10,687 (21.55%)
\$50,000 - \$75,000	10,313 (20.79%)
Greater than \$75,000	16,320 (32.9%)

Age Breakdown - Persons (%)	
Children 5 years and younger	9,376 (7%)
Minors 17 years and younger	31,094 (23%)
Adults 18 years and older	102,145 (77%)
Seniors 65 years and older	14,857 (11%)

Race Breakdown - Persons (%)	
White	87,751 (66%)
African-American	7,882 (6%)
Hispanic-Origin	19,387 (15%)
Asian/Pacific Islander	23,228 (17%)
American Indian	324 (0%)
Other/Multiracial	14,054 (11%)

Education Level (Persons 25 & older) - Persons (%)	
Less than 9th Grade	8,000 (9.39%)
9th through 12th Grade	8,743 (10.26%)
High School Diploma	27,083 (31.78%)
Some College/2-year	20,329 (23.85%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	21,067 (24.72%)